# Installing the MassGIS ArcGIS 9.x pGDB DataViewer

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The MassGIS DataViewer has two parts: vector and image data for your area of interest and a program to use the data with a Geographic Information System (a GIS).  If you have any license level of ArcGIS 9.x  installed on your computer (ArcView, ArcEditor or ArcInfo),  you will be able to use the MassGIS ArcGIS 9.x DataViewer included on the DataViewer CDs or DVD.

For instructions on how to use the MassGIS ArcGIS 9.x DataViewer, please refer to the document titled Using_the_ArcGIS_DataViewer.pdf.

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## Contents of the CD

On the DVD (or CD 1 if there are multiple CDs) there should be an **ArcGIS** and a **gisdata** folder. These are the two folders required to run the MassGIS ArcGIS 9.x DataViewer.

The files required for running the Data Viewer are located in the **\ArcGIS**  folder.:

- Installation file:
    Install_DataViewer.bat
  Uninstall file:
    Uninstall_DataViewer.bat
  The dll and registry entry that are installed/uninstalled:
    MassGIS_DataViewer_v2_2.dll
    DataViewer.reg

  There are also 3 tables the program uses: themeinv.dbf,  themeinv2.dbf  and zoominv.dbf.

- \ArcGIS\Lyr_files - Layer files (.lyr files) are similar to ArcView 3 legend files (.avl): they store all the display properties for each layer, such as symbology, scale and labels.

-  \ArcGIS\docs - Contains a digital copy of this installation document and Using the MassGIS ArcGIS 9 DataViewer.pdf.

In the \gisdata folder there should be 2 folders:

- **\gisdata\men1** - The folder 'men1' contains all the vector data in personal GeoDatabase format
- **\gisdata\Images** - All imagery is and should be stored within subfolders in  this folder (including orthophotos and topographic imagery).

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## Copying files from the DVD/CD

You will need to copy all DataViewer files onto your hard drive.

1. Create a folder on your hard drive or on your network which will hold all the data. (Ex: C:\ Viewer)
   NOTE: The folder location must be within a drive mapped to a letter (C:, D:, etc.) in order for the Data Viewer to install properly.

2. Insert the DVD or CD 1 into your CD drive.

3. Copy the **\ArcGIS** and **\gisdata** folders into the new folder you have created. These 2 folders MUST stay together for the Data Viewer to run.

   For Example:    C:\Viewer\ArcGIS
   C:\Viewer\gisdata

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### *If you have received multiple CDs:*

*After copying CD1 onto your hard drive, you should have a folder called \gisdata\men1 and another called \gisdata\Images.*

*Vector data:  Copy all geodatabases (\*.mdb) from all disks into the \gisdata\men1 folder.*

*Image data:  Sometimes the subfolders with imagery are too big to fit on 1 disk.   In these cases the same subfolder name may exist on multiple disks. (Ex: \gisdata\Images\ coq2005_jp2_lossy may appear on disk 1 and disk 2).*

> *In this case once you have copied the subfolder (Ex: coq2005_jp2_lossy) over onto your hard drive, you will have to go into the same subfolder (Ex: coq2005_jp2_lossy) on the remaining disk(s) and copy JUST the files instead of the subfolder:*

> *In Windows Explorer:*
> *Go into the duplicate folder on the other disks and choose 'Select All' under the Edit menu (which will highlight everything in the folder); then choose 'Copy', also under the Edit menu.*

> *Navigate into the matching folder on your hard drive (Ex. C:\viewer\gisdata\Images\ coq2005_jp2_lossy) and paste (choose 'Edit' > 'Paste').*

> *Repeat for any other disks*

*\*\*  You will need to load **ALL** the data from **ALL** the CDs first, **BEFORE** running the Data Viewer.*

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4.  When you have finished copying all files to your hard drive, your directory structure under \gisdata\men1\ should look like this:

   C:\viewer\gisdata\men1\Census_2000.mdb
   C:\viewer\gisdata\men1\Coastal_and_Marine_Features.mdb
   C:\viewer\gisdata\men1\Conservation_Recreation.mdb
   C:\viewer\gisdata\men1\Contours5k.mdb                    <- Contours5k.mdb will only
                                                                      appear on regional disks

   C:\viewer\gisdata\men1\Cultural_Resources.mdb
   C:\viewer\gisdata\men1\Environmental_Monitoring.mdb
   C:\viewer\gisdata\men1\Index.mdb
   C:\viewer\gisdata\men1\Infrastructure.mdb
   C:\viewer\gisdata\men1\OpenSpace.mdb
   C:\viewer\gisdata\men1\Physical_Resources1.mdb
   C:\viewer\gisdata\men1\Physical_Resources2.mdb
   C:\viewer\gisdata\men1\Physical_Resources3.mdb
   C:\viewer\gisdata\men1\Physical_Resources4.mdb
   C:\viewer\gisdata\men1\Political_Boundaries.mdb
   C:\viewer\gisdata\men1\Regulated_Areas.mdb

The possible Imagery folders under \gisdata\Images are:

| Path | Description |
|---|---|
| C:\viewer\gisdata\Images\coq2005hsid | - 2005 Color Orthos (MrSID) |
| C:\viewer\gisdata\Images\coq2005_jp2_lossy | - 2005 Color Orthos (JP2 Lossy) |
| C:\viewer\gisdata\Images\coq2005_jp2_lossless | - 2005 Color Orthos (JP2 Lossless) |
| C:\viewer\gisdata\Images\coq2005hsidm | - 2005 Color Ortho Mosaics (MrSID) |
| C:\viewer\gisdata\Images\coq2005_jp2_lossy_m | - 2005 Color Ortho Mosaics (JP2 Lossy) |
| C:\viewer\gisdata\Images\coq2001halfmsidm | - 2001 Color Orthos Mosaics (MrSID) |
| C:\viewer\gisdata\Images\coqhsid | - 2001 Color Orthos (MrSID) |
| C:\viewer\gisdata\Images\halfmsid | - MassGIS BW Orthos (MrSID) |
| C:\viewer\gisdata\Images\quadsid | - USGS Topographic Maps (Multiple MrSIDs) |
| C:\viewer\gisdata\Images\quadsidm | - USGS Topographic Maps (Mosaic MrSID) |

## Installing the Data Viewer

The new ArcGIS 9.x DataViewer adds a new toolbar with buttons containing the DataViewer functionality.

Loading the Data Viewer into ArcMap involves adding the dll file to your ArcMap settings.  When this is done, anytime you open a new or existing ArcMap document the MassGIS ArcGIS 9.x DataViewer toolbar will be available to you.

To load the Data Viewer, first make sure all ArcMap documents are closed.

In Windows Explorer, open the \ArcGIS folder.

Run (Double-click) the installation file in the ArcGIS folder: Install_DataViewer.bat

This will pop up a DOS Window that will Uninstall any previously loaded versions and install the Data Viewer into ArcMap.  The DOS window will disappear when finished.

When you first open ArcMap after installing the DataViewer the toolbar is turned off.  To turn on the MassGIS DataViewer Toolbar, go to the View menu, select Toolbars, and check the box beside "MassGIS Data Viewer  …" that is now included in the list of ArcMap toolbars.



Now any time you open ArcMap you should have access to the MassGIS  DataViewer 9.x toolbar .

## Uninstalling the Data Viewer

If you ever need to remove the Data Viewer (error from loading, newer versions, etc)  you need to close ArcMap and run the file Uninstall_DataViewer.bat from the ArcGIS folder.